

Converting Colors

`RYB(203, 151, 232)`

Have a look what the booklet for RYB(203, 151, 232) contains.

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Color

R_YB(203, 151, 232)

Conversions

Conversions Part 1

Format	Color
Hex	CB97E8
RGB	203, 151, 232
RGB Percent	80%, 59%, 91%
CMY	0.2039, 0.4078, 0.0902
CMYK	0.13, 0.35, 0.00, 0.09
HSL	279°, 64%, 75%
HSV	279°, 35%, 91%
XYZ	50.2607, 40.6559, 81.5423
YIQ	175.7820, 4.9910, 36.2150

Conversions

Conversions Part 2

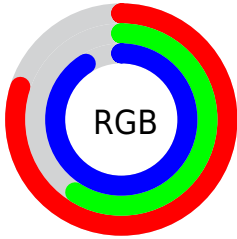
Format	Color
R _Y B	203, 151, 232
Decimal	13342696
CIE Lab	69.93, 33.92, -33.46
CIE LCh	70, 47.648, 315.392
Yxy	40.6559, 0.2914, 0.2357
Android (android.graphics.Color)	4291532776 (0xFFFCB97E8)
YUV	175.7820, 27.7155, 23.8702
Hunter-Lab	63.7620, 29.1200, -31.1899

Details

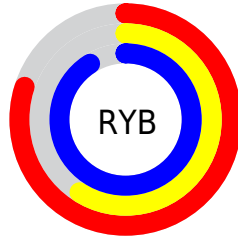
The RYB color **203, 151, 232** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **151, 232, 203**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 206, 255**, and **148, 99, 176** is the 20% darker color. If you saturate the color by 10%, you get **195, 128, 232**, and if you desaturate by 10%, it is **211, 174, 232**.

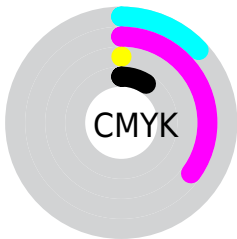
Distribution



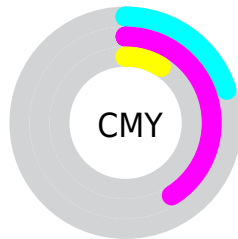
- Red (80%)
- Green (59%)
- Blue (91%)



- Red (80%)
- Yellow (59%)
- Blue (91%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)




- Cyan (20%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 151, 232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 203, 151, 232 by changing the saturation by 10% instead.


 203, 151, 232

 203, 151, 232


255, 255, 255

 175, 125, 204

 255, 206, 255

 148, 99, 176

 255, 234, 255

 121, 75, 149

 95, 51, 123

 70, 27, 98

 45, 3, 74

 27, 0, 51

 0, 2, 29

 0, 0, 0

■ 203, 151, 232

■ 203, 151, 232

■ 195, 128, 232

■ 211, 174, 232

■ 186, 105, 232

■ 220, 197, 232

■ 178, 81, 232

■ 228, 221, 232

■ 170, 58, 232

■ 232, 244, 240

■ 161, 35, 232

■ 232, 255, 242

■ 153, 12, 232

■ 232, 255, 234

■ 149, 0, 232

■ 232, 255, 232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



140, 162, 254



203, 151, 232



241, 138, 194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 151, 232



179, 215, 86



0, 97, 193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



203, 151, 232



151, 232, 203

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59, 139, 192



203, 151, 232



85, 175, 85

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 151, 232



243, 159, 111



108, 186, 167



0, 104, 231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203, 151, 232



252, 135, 165



108, 186, 167



0, 100, 193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



203, 151, 232



246, 230, 255



151, 173, 232



122, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 151, 232



217, 148, 255



232, 151, 221



111, 103, 115



115, 0, 179



33, 0, 51

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



232, 151, 180



255, 148, 186



151, 222, 232



115, 103, 107



179, 0, 64



51, 0, 18

Previews

White Background



This preview shows how the RYB color 203, 151, 232 looks on a white background.

Color Contrast Check

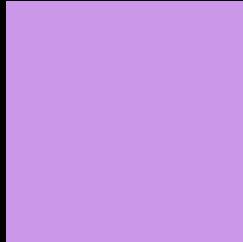
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 203, 151, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 203, 151, 232 Background



This preview shows how black text looks on a background with the RYB color 203, 151, 232.

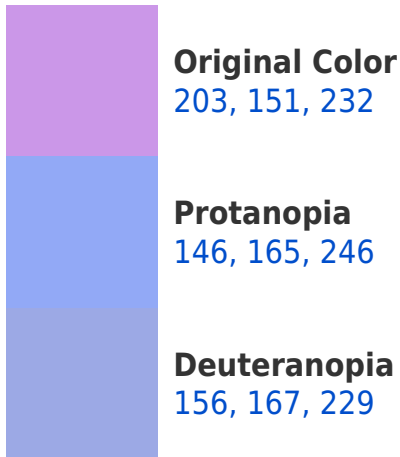



This preview shows how white text looks on a background with the RYB color 203, 151, 232.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
194, 163, 175

Trichromacy



Original Color

203, 151, 232



Protanomaly

167, 162, 241



Deuteranomaly

173, 162, 230



Tritanomaly

197, 159, 196

Monochromacy



Original Color

203, 151, 232



Achromatopsia

176, 176, 176



Achromatomaly

186, 167, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 151, 232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(203, 151, 232) looks like.

```
.text, #text, p{  
    color:rgb(203, 151, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 151, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 151, 232) }
```

Border

The CSS property to change the border of an element to RYB 203, 151, 232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 151, 232) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 151, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 151, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 151, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 151, 232);  
box-shadow:4px 4px 4px 4px rgb(203, 151,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 203, 151, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 151, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
151, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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